

$$\varphi(t) = \tan^{-1}\left(\frac{a}{b}\right)$$

Fig. 1

Fig 2a

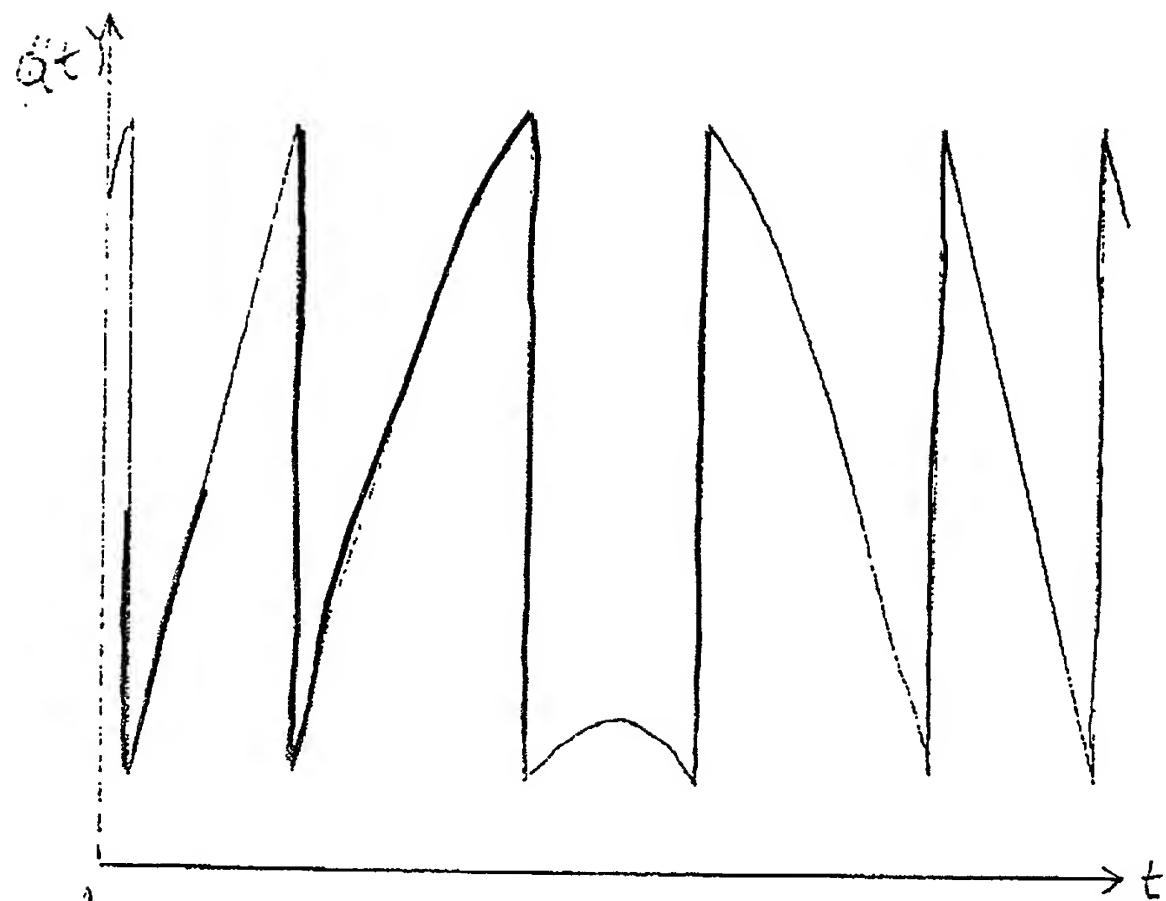
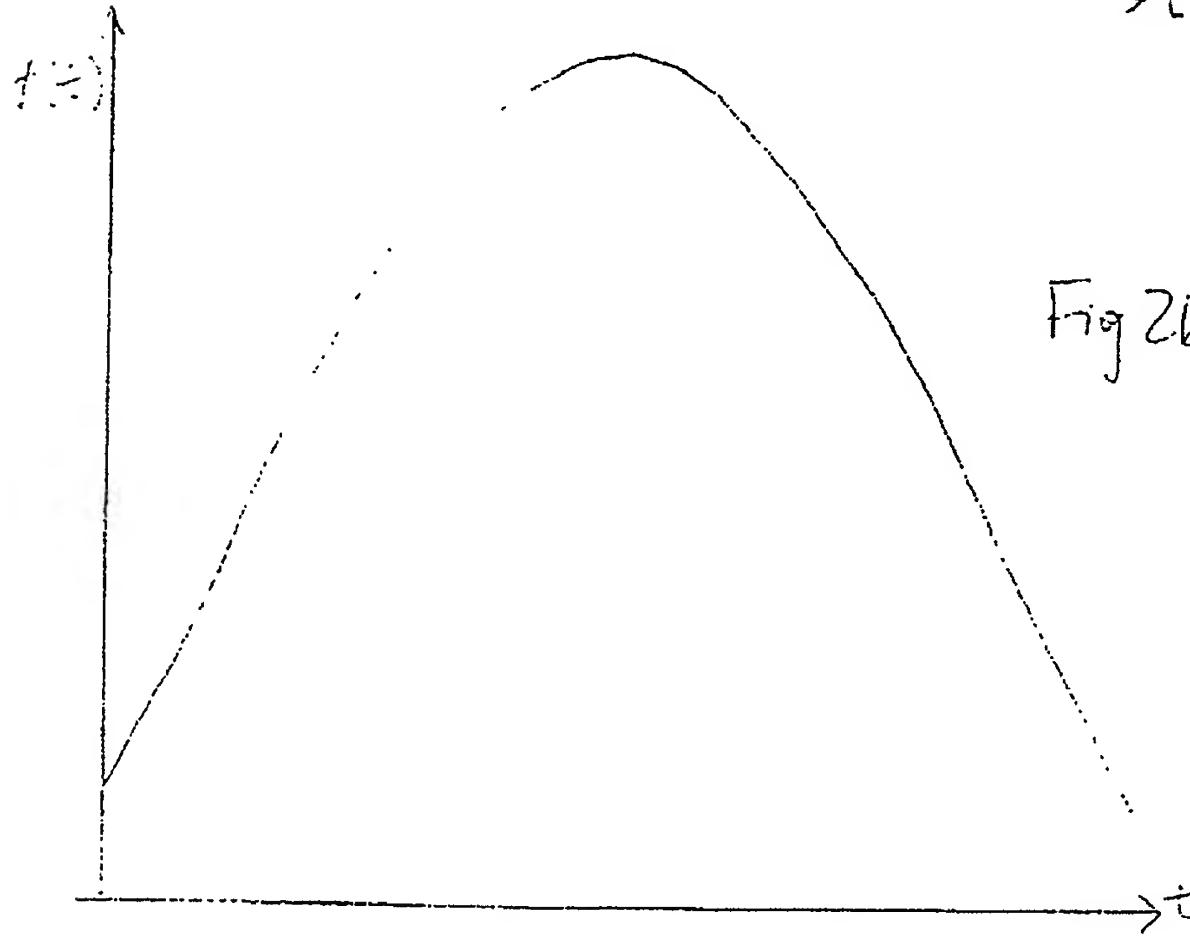


Fig 2.6.



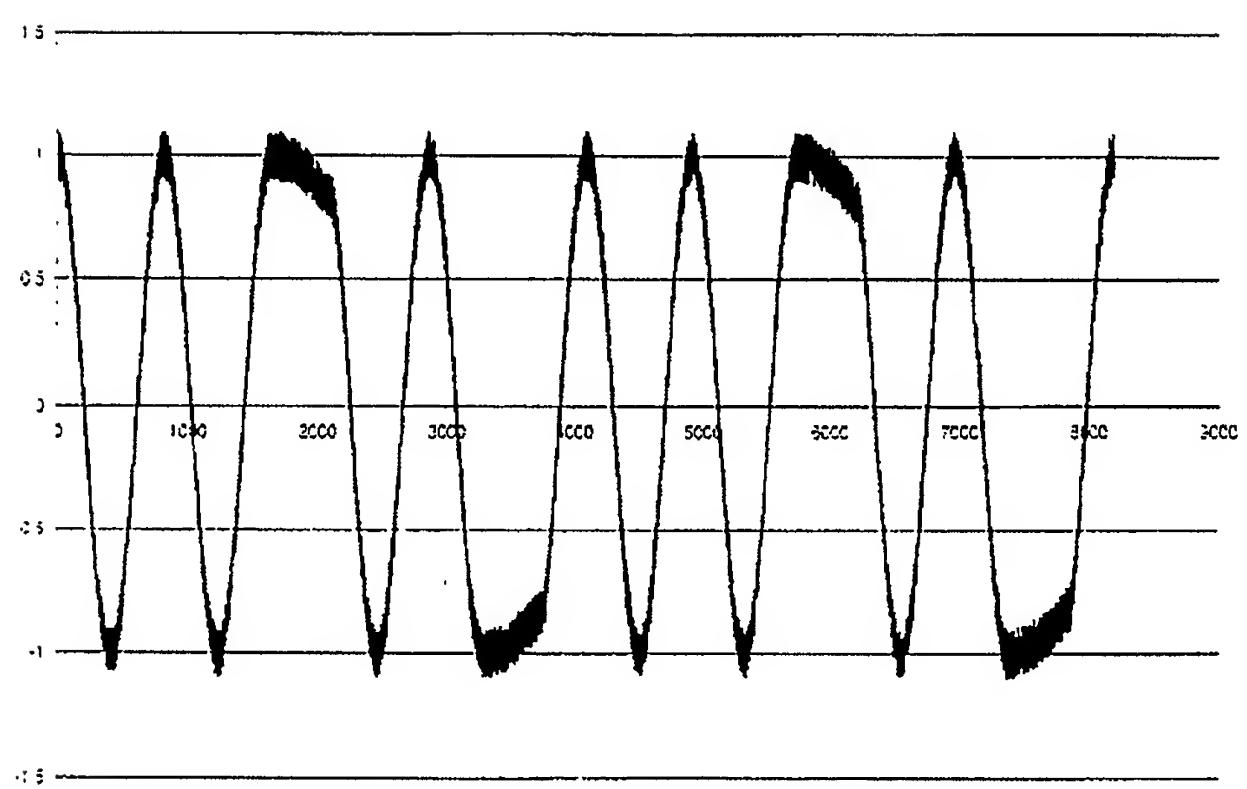


Fig. 3 Real part of signal

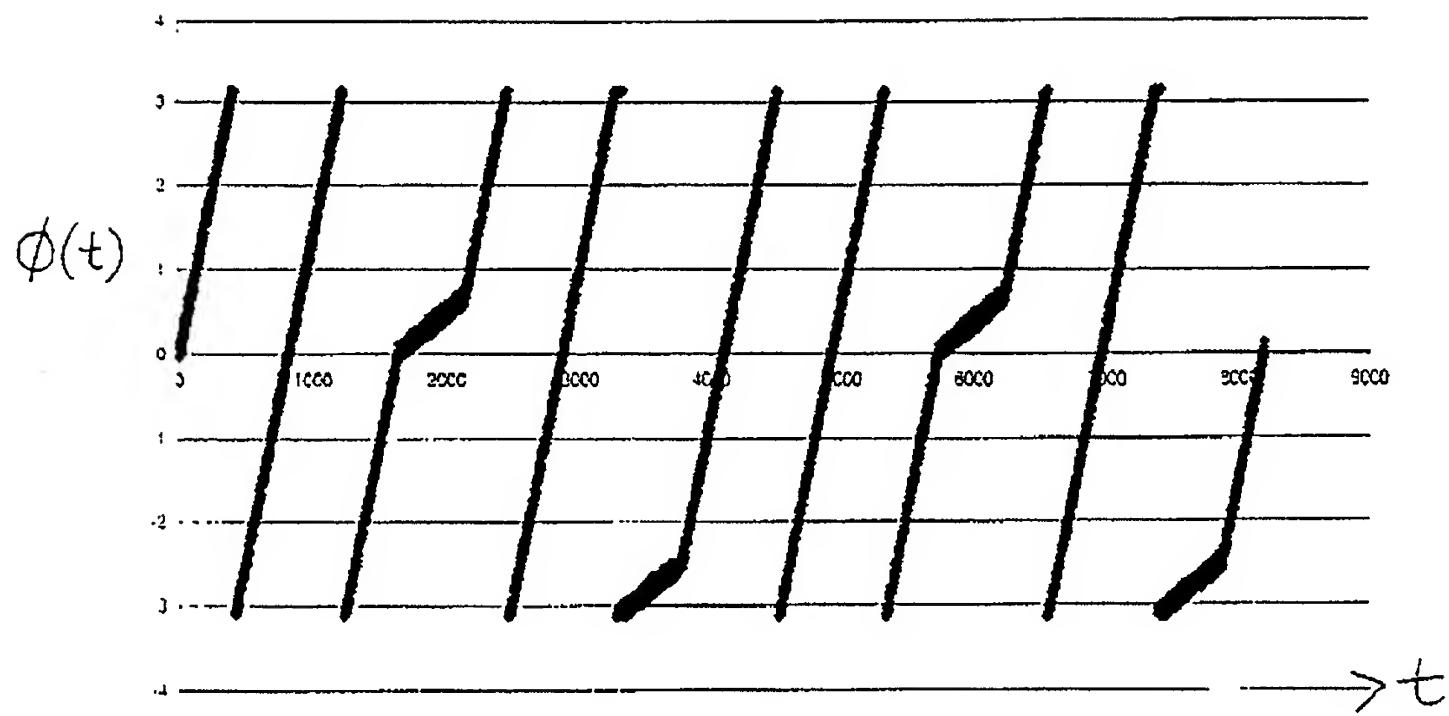


Fig. 4 Phase plot of raw data

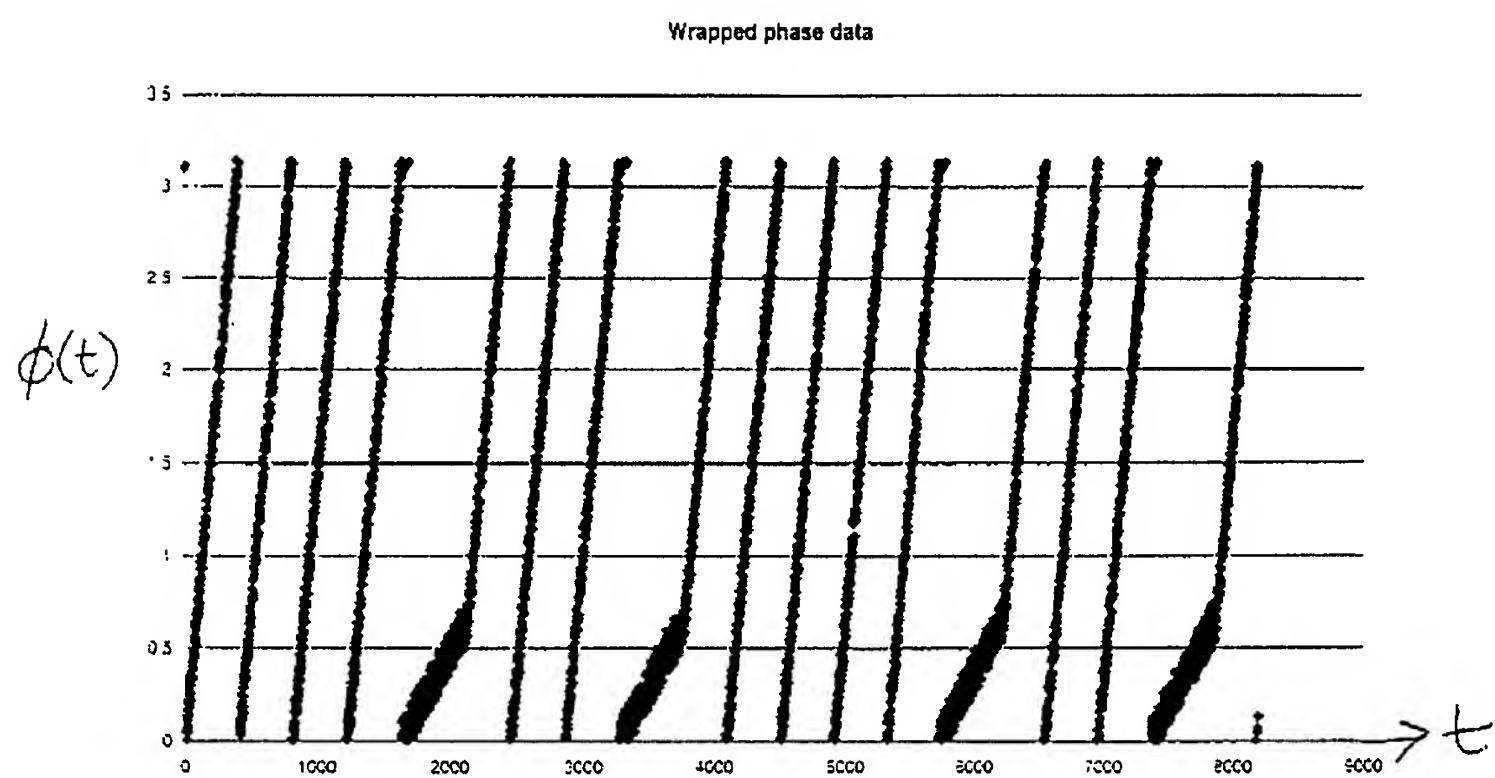


Fig. 5 Phase data wrapped from 0 to π

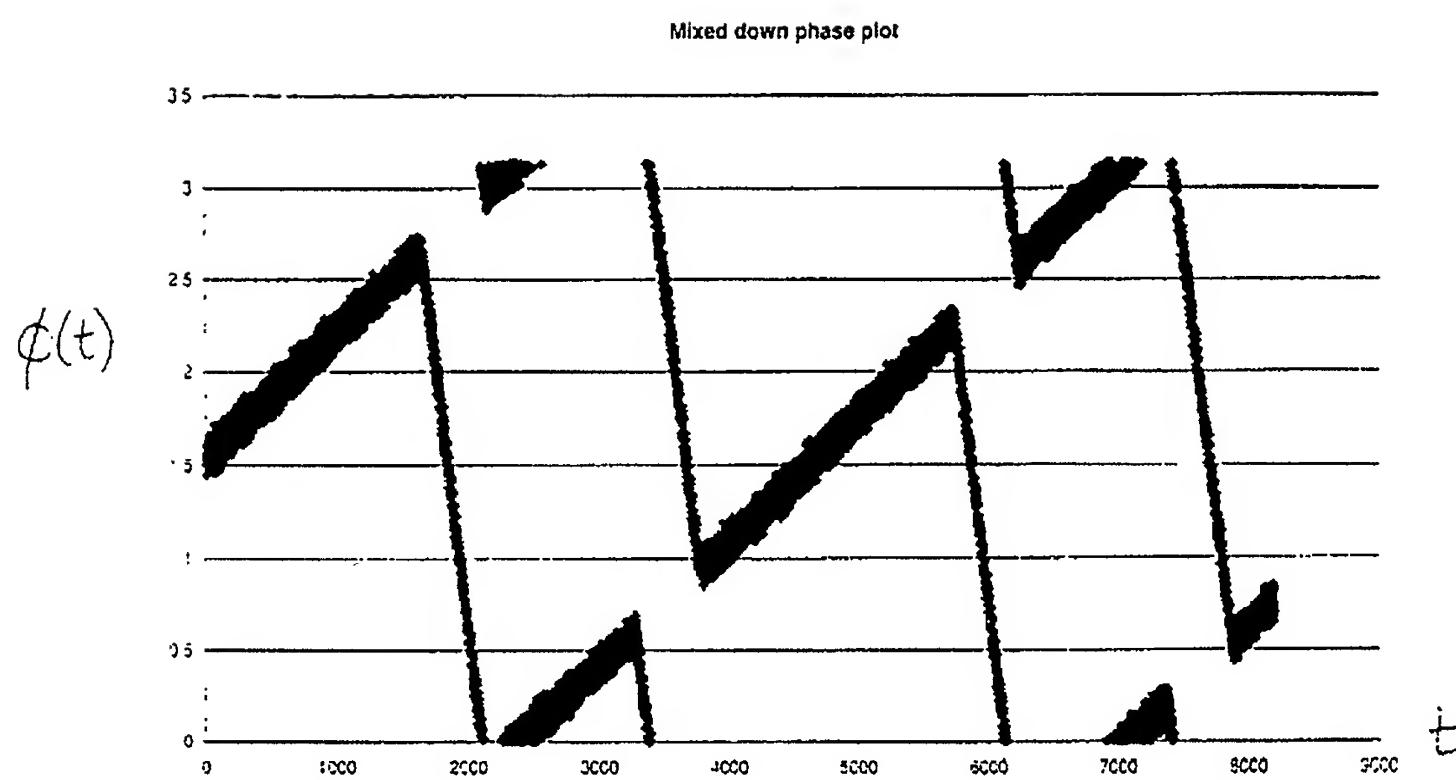


Fig. 6 Phase plot after one iteration of the algorithm

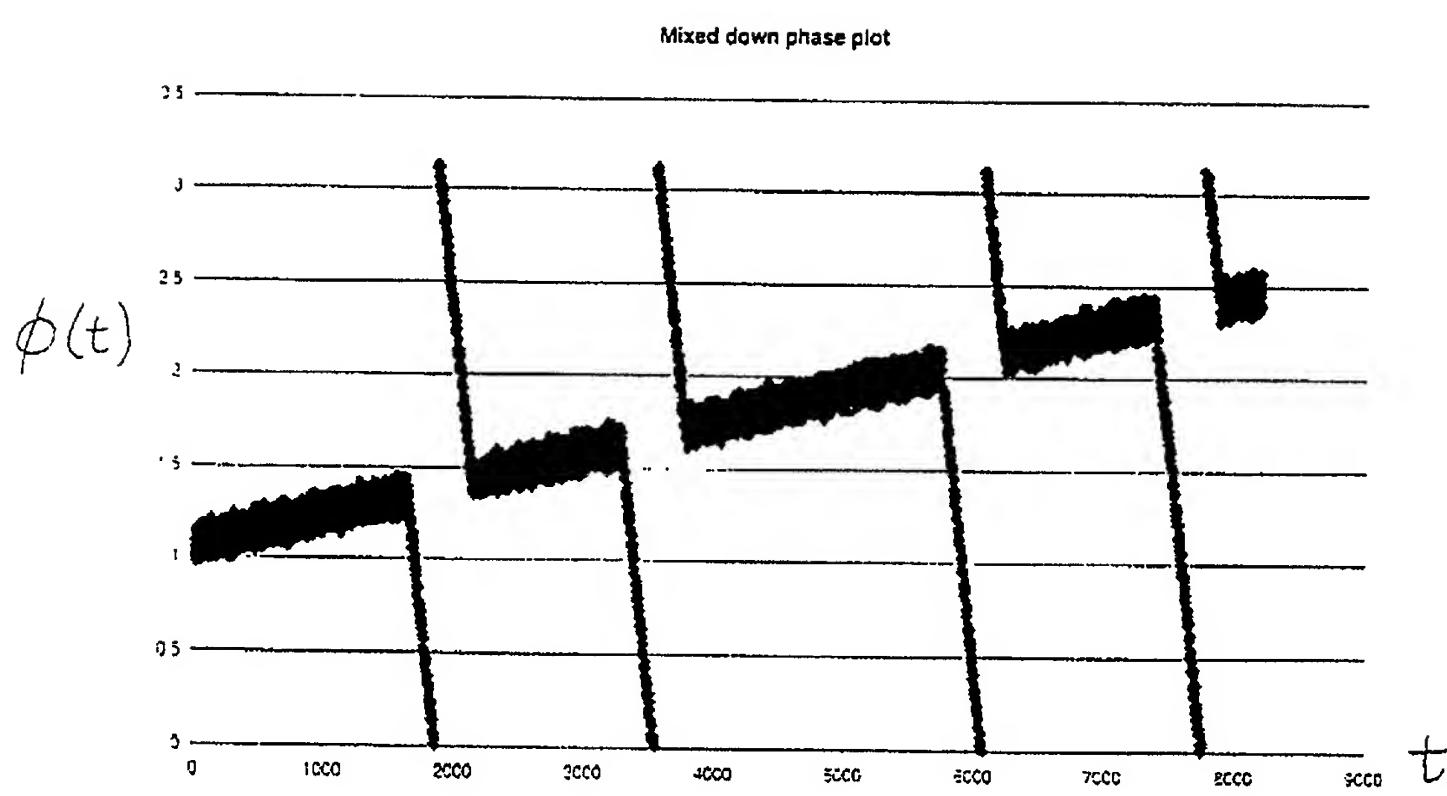


Fig. 7 Phase plot after several iterations

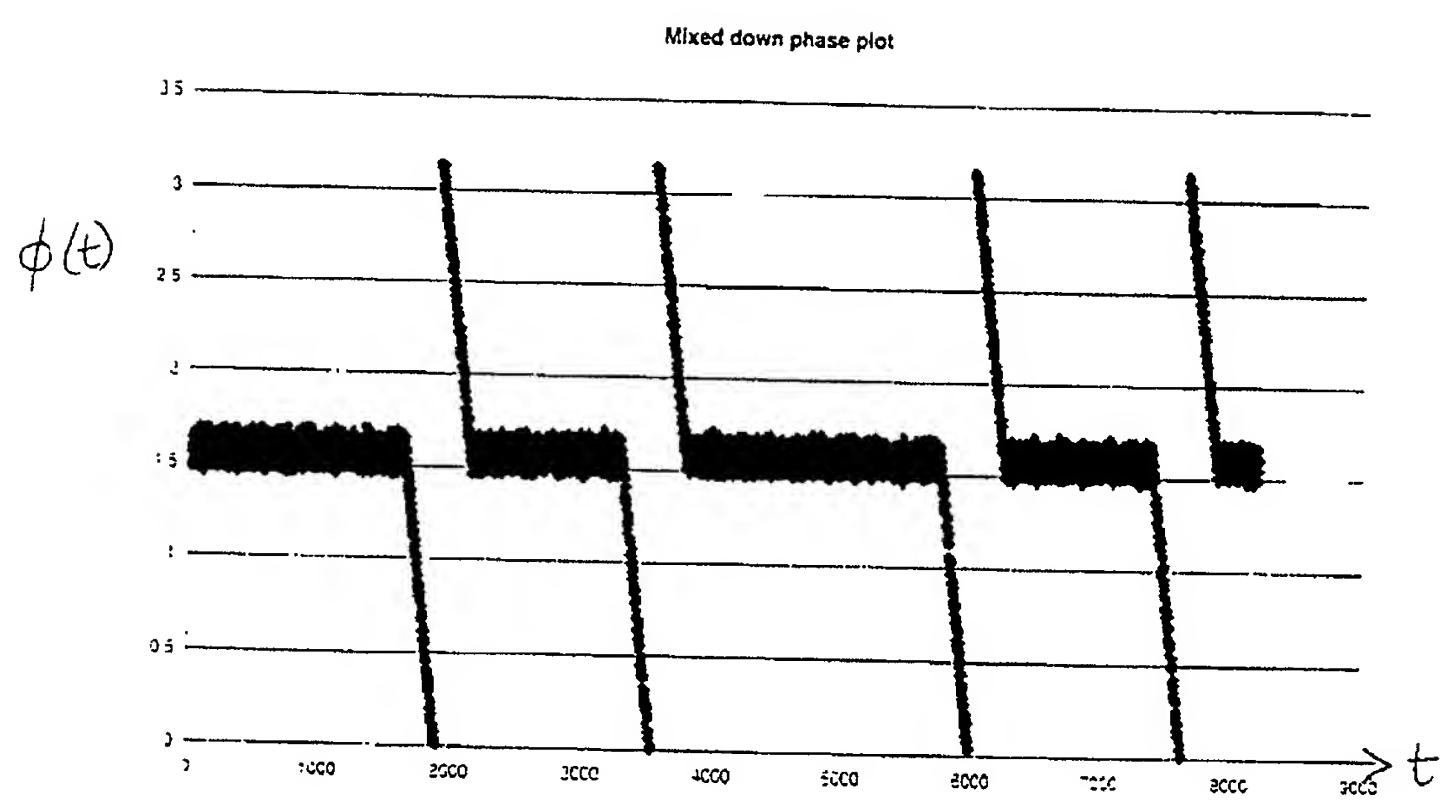


Fig.8 Final phase plot

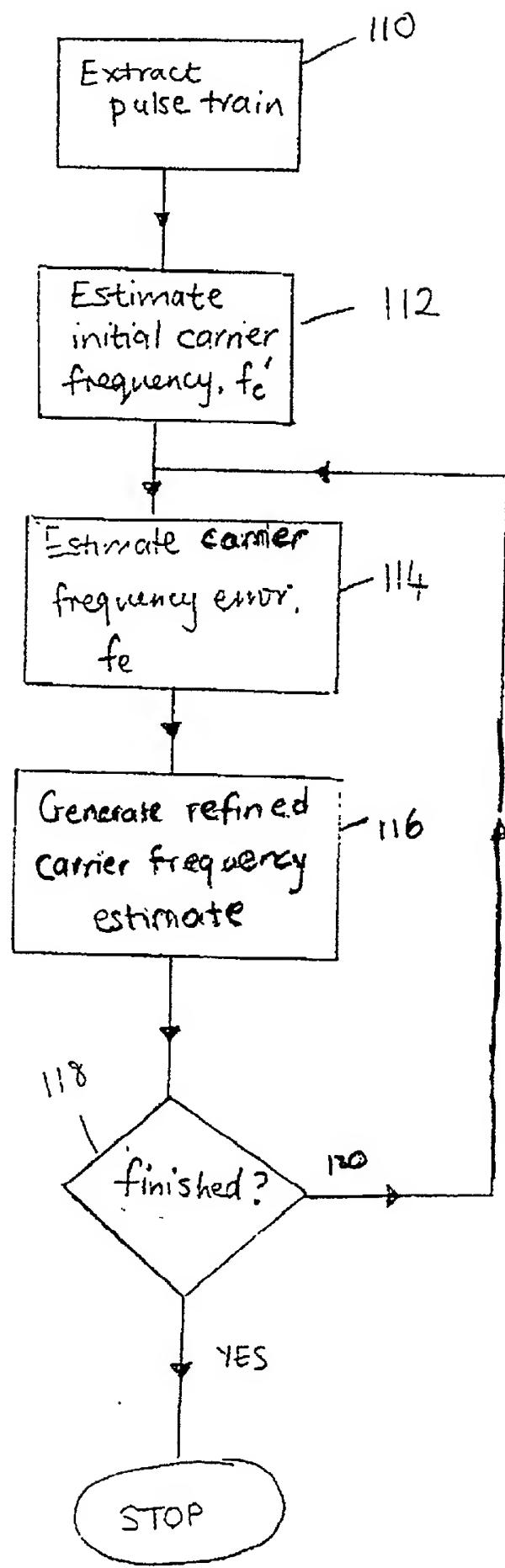


Fig. 9

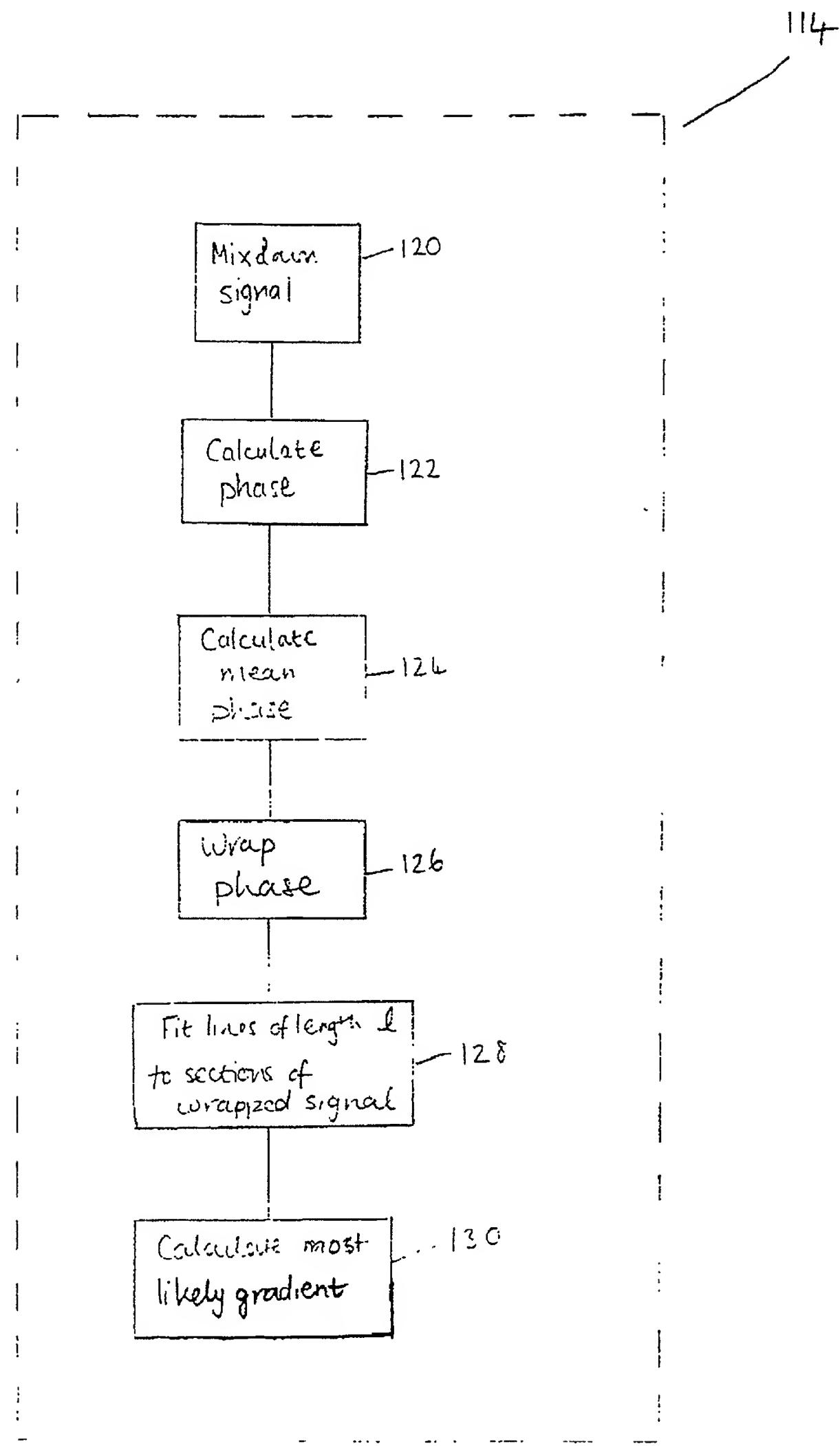


Fig. 10

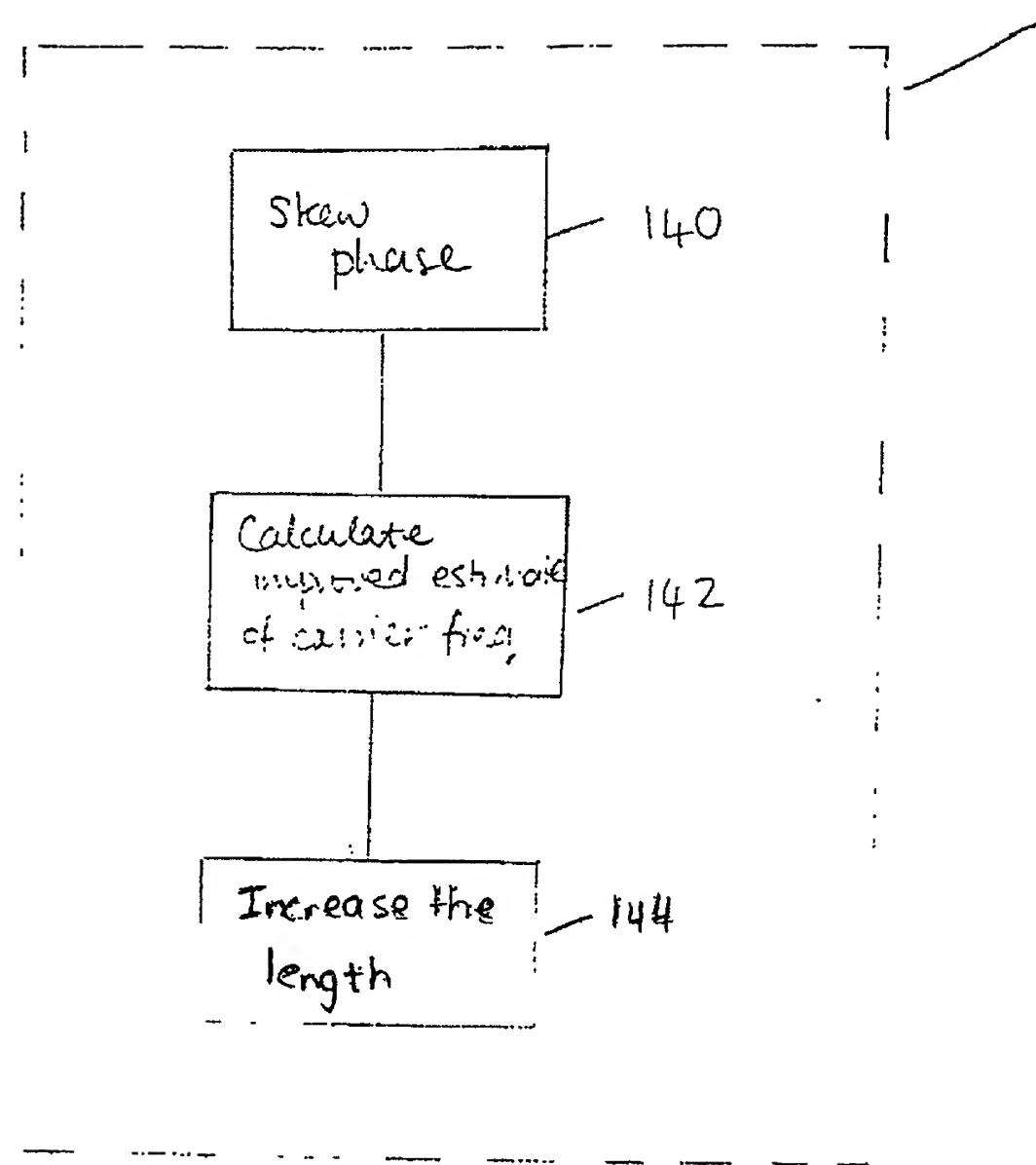


Fig. 11